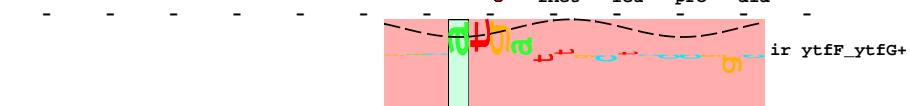


- 1 -

piece 1, NC\_000913, ytfF\_ytfG+, config: linear, direction: +, begin: 4431059, end: 4431206

5' \*4431060 \* \*4431070 \* \*4431080 \* \*4431090 \* \*4431100 \* \*4431110 \* \*4431120 \* \*4431130 \*  
- val - gln - his - ala - ala - asn - his - tyr - trp - his - pro - leu - ile - cys - gln - lys - lys - val - gln - glu - ala - asp - met - ile - ala - pro - gly -  
- tyr - ser - thr - pro - leu - ile - ile - thr - gly - ile - his -  
- thr - ala - arg - arg -

... ] NC\_000913.ytfF



ir ytfF\_ytfG+

sd

p35 2.6 bits

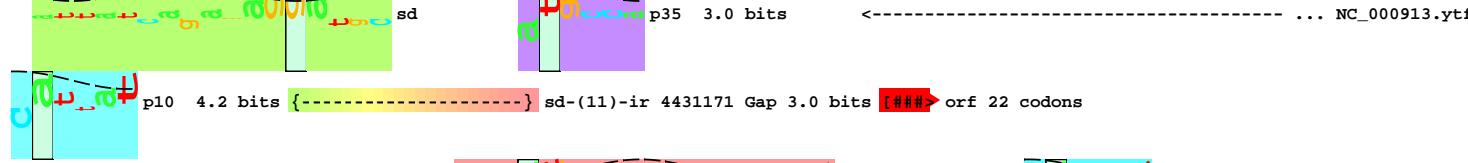
sd-(9)-ir 4431125 Gap 2.3 bits

sd-ir 4431125 ytfF\_ytfG+ total 9.1 bits

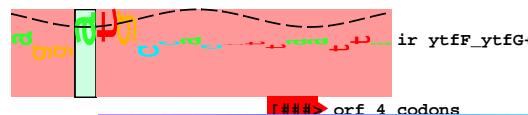
... p35-(22)-p10 4431148 Gap 4.5 bits

... p35-p10 4431148 total 4.5 bits

\*4431140 \* \*4431150 \* \*4431160 \* \*4431170 \* \*4431180 \* \*4431190 \* \*4431200 \*  
- ile - pro - ser - leu - ser - glu - arg - met - arg - glu - asp - ala - thr - leu - ile - asn -  
- ser - arg - his - tyr - gln - arg - gly - cys - gly - arg - met - pro - leu -



p10 4.2 bits {-----} sd-(11)-ir 4431171 Gap 3.0 bits [###> orf 22 codons



ir ytfF\_ytfG+ p10 5.6 bits

[###> orf 4 codons

... p35-(22)-p10 4431148 Gap 2.3 bits

... p35-p10 4431148 total 4.5 bits

{-----} sd-ir 4431171 ytfF\_ytfG+ total 9.6 bits

{-----} p35-(24)-p10 4431196 Gap 2.4 bits

{-----} p35-p10 4431196 total 6.1 bits